

FEB 15 2008

Sheet 1 of 4

<p>Substitute for form 1449B/PTO U.S. PATENT AND TRADEMARK OFFICE</p> <p><b>INFORMATION DISCLOSURE STATEMENT</b></p> <p><b>IN AN APPLICATION</b></p> <p><b>LISTING OF REFERENCES</b></p> <p><b>February 12, 2008</b></p> <p>(Use several sheets if necessary)</p>		ATTORNEY DOCKET NO. 2376.2115-004		APPLICATION NO. 10/019,615	
		FIRST NAMED INVENTOR Ravi Chandran		FILING DATE May 28, 2002	
		EXAMINER Wozniak, James S.	CONFIRMATION NO. 7963		GROUP 2626

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind-Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
/J.W./	A1	4,899,384	02-06-1990	Crouse et al.
	A2	5,140,543	08-18-1992	Tanaka
	A3	5,751,903	05-12-1998	Swaminathan et al.
	A4	5,828,995	10-27-1998	Satyamurti et al.
	A5	5,835,889	11-10-1998	Kapanen
	A6	5,847,303	12-08-1998	Matsumoto
	A7	5,946,651	08-31-1999	Jarvinen et al.
	A8	6,104,992	08-15-2000	Gao et al.
	A9	6,266,632	07-24-2001	Kato et al.
	A10	6,330,534	12-11-2001	Yasunaga et al.
	A11	6,556,844	04-29-2003	Mayer
	A12	5,185,848	02-09-1993	Artsuka et al.
	A13	5,771,486	06-23-1998	Chan et al.
	A14	6,240,386	05-29-2001	Thyssen et al.
	A15	6,504,838	01-07-2003	Kwan
	A16	5,307,405	04-26-1994	Sih
	A17	5,873,058	02-16-1999	Yajima et al.
	A18	6,108,560	08-22-2000	Navaro et al.
▼	A19	4,969,192	11-06-1990	Chen et al.
/J.W./	A20	5,097,507	03-17-1992	Zinser et al.

EXAMINER /James Wozniak/	DATE CONSIDERED 05/05/2008
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/J.W./	A21	5,371,853	12-06-1994	Kao et al.
	A22	5,495,555	02-27-1996	Swaminathan
	A23	5,615,298	03-25-1997	Chen
	A24	5,633,982	05-27-1997	Ganesan et al.
	A25	5,659,622	08-19-1997	Ashley
	A26	5,680,508	10-21-1997	Liu
	A27	5,732,188	03-24-1998	Moriya et al.
	A28	5,995,923	11-30-1999	Mermelstein et al.
	A29	6,026,356	02-15-2000	Yue et al.
	A30	6,266,644	07-24-2001	Levine
	A31	6,453,289	09-17-2002	Ertem et al.
	A32	5,878,387	03-02-1999	Oshikiri et al.
	A33	6,112,177	08-29-2000	Cosatto et al.
	A34	6,064,693	05-16-2000	Oliver et al.
	A35	5,913,187	06-15-1999	Mermelstein
	A36	5,844,444	12-01-1998	Wu et al.
	A37	4,623,980	11-18-1986	Vary
	A38	4,663,675	05-05-1987	Jones, Jr. Et al.
↓	A39	5,790,657	08-04-1998	Fujiwara
/J.W./	A40	5,732,390	03-24-1998	Katayanagi et al.

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/J.W./	A41	4,467,146	08-21-1984	Lassaux
	A42	4,644,108	02-17-1987	Crouse et al.
	A43	4,697,261	09-29-1987	Wang et al.
	A44	4,787,080	11-22-1988	Yamakido et al.
	A45	5,253,291	10-12-1993	Naseer et al.
	A46	5,396,488	03-07-1995	Lahdemaki
	A47	5,473,600	12-05-1995	Liu
	A48	5,491,771	02-13-1996	Gupta et al.
	A49	5,606,550	02-25-1997	Jangi
	A50	5,661,795	08-26-1997	Maeda
↓	A51	5,680,450	10-21-1997	Dent et al.
/J.W./	A52	5,768,308	06-16-1998	Pon et al.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/J.W./	C1	A.M. Kondoz, "Digital Speech Encoding for Low Bit Rate Communications Systems," Chapter 2, pp. 5-32, John Wiley & Sons, 1994.
	C2	A.M. Kondoz, "Digital Speech Encoding for Low Bit Rate Communications Systems," Chapter 3, 35-77, John Wiley & Sons, 1994.
	C3	A.M. Kondoz, "Digital Speech Encoding for Low Bit Rate Communications Systems," Chapter 6, pp. 141-213, John Wiley & Sons, 1994.
↓	C4	GSM 06.20, "Digital Cellular Telecommunications System (Phase 2+); Half Rate Speech; Half Rate Speech Transcoding," May 1998.
/J.W./	C5	ITU-T Recommendation G. 169, "Automatic Level Control Devices," July 1998.

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OTHER DOCUMENTS ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )		
/J.W./	C6	ITU-T Recommendation G.711, "General Aspects of Digital Transmission Systems," 1993.
	C7	L. Rabiner & R. Schafer, "Digital Processing of Speech Signals, Chapter 5, pp. 179-216, Signal Processing, Prentice-Hall, 1978.
	C8	GSM 06.31, version 5.0.1. "Digital Cellular Telecommunications System; Full Rate Speech; Discontinuous Transmission (DTX) for Full Rate Speech Traffic Channels," May 1997.
	C9	Barker et al., "Decoding Speech in the Presence of Other Sound Sources," Proc. ICSLP 4, 2000, pp. 270-273.
	C10	Saeed V. Vaseghi, "Advanced Signal Processing and Digital Noise Reduction," Chapter 9, pp. 242-260, ISBN WILEY 0471958751, 1996.
	C11	GSM 08.62, "Digital Cellular Telecommunications System (Phase 2+); Inband Tandem Free Operation (TFO) of Speech Codes," ETSI, March 2000.
	C12	Avi Perry, Ph.D., "Emerging Applications in Wireless Communications and its Impact on Echo Canceller Technology," <i>Lucent Technologies</i> , 1999.
	C13	Wilson, P.J., et al. "An Integrated Voice Codec and Echo Canceler", Proceedings of ICASSP-86, (IEEE 1986, pp. 1333-1336)
↓	C14	Wenshun, Tian, et al. "Integration of LD-CELP and Echo Canceler", Proceedings of IEEE-Tencon '93, (IEEE 1993), pp. 287-290
/J.W./	C15	AM. Kondoz and B. G. Evans, "A High Quality Voice Coder With Integrated Echo Cancellor and Voice Acitivity Detector for VSAT Systems," Proc. 3rd European Conference on Satellite Communications (ECSC-3), pp. 196-200 (1993).

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